	Contents 7	Reference to last Measurement 8
rk done spot		
old		Index → R.C.C Drain & Covering Slab

First & Final Bill

SBR NO - 356/14-15
Dt: 30-3-15

BR - 03/06-04-15

M. A. R. 57 (Rule 116)
Measurement Book

No. B

259014

Serial No. .....

Name of Work Emergency works and Maintence of ward in ward No - 10. (Doddabommasandra), Vidyaranyapura Sub-division. From ..... To .....

Name of Contractor of nature of Agency Sri. R. Narayanswamy.

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Work code NO;- 010-15-000052						
	Aggrement NO;- 332 Dated 26-02-2015.						
	Work order NO;- EE/BTP/BBMP/E-PMT/332/2014-15. Date 26-02-2015.						
	Address of Agency;- #35/2, Srinivasanilaya, opp Jawar School, Geddalahalli RMV IInd stage Bangalore-94						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	1) Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work steel work including TXP and scaffolding wherever necessary, sorting the dismantled material.						
	——— Not Executed ———						
	2) Earth work in surface excavation in hard soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed. disposed earth to be levelled after breaking of clods and neatly dressed etc	1	42.00	37.00	0.45	= 699.30 cum	

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2
	For Toilet
	Qty upto 125/-
	Qty Above 125/-
	3) Earth work excavation f supply, Sanitary line trenches 1.5m and abo in depth including dress

K

epth 6	Contents 7	Reference to last Measurement 8
ts, bridges, retaining walls ment concrete, wood works herever necessary, sorting		
uted		
for levelling and lowering the f buildings, culverts, road ving the excavated stuff to a 5m, excavated surface levelled evelled after breaking of clay		
·45 = 699.30 cum		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

259015

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	For Toilet	1	4.30	2.00	0.15 =	1.29 cum	
					Total =	700.59 cum	
	Qty upto 125/-	75.00 cum @		RS 200.00			RS 15000.00
	Qty Above 125/-	625.59 cum @		RS 200.03			RS 125137.00
	3) Earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in Hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	New Hassan Bakery Road	L	30.00	1.00	0.15 =	4.50 cum	
		L	7.60	1.00	0.15 =	1.14 cum	
	Back Side	L	30.00	1.00	0.15 =	4.50 cum	
		L	9.00	1.00	0.15 =	1.35 cum	
	LHS	L	30.00	1.00	0.15 =	4.50 cum	
		L	10.00	1.00	0.15 =	1.50 cum	
	For Toilet	L	12.80	1.00	0.15 =	1.94 cum	
	Columns	6	1.20	1.20	0.15 =	1.30 cum	
					Total =	27.02 cum	
		@ Rs 4750.00				Rs 128350.00	

5) Providing and constructing granite/trap/basalt size stone masonary in foundation with cement mortar 1:6 stone hammered dressed in courses not less than 20cm high, band stones at 2mt apart in each course

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Serial No. .....
Name of Work ..... From
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Number 3
	including cost of materials, and directions of engineer in	
	For compound wall front	L
		L
	New Hassan Bakery Road	L
		L
	Back Side	L
	LHS	L
		L
		L
	for Toilet	L

OOK

Depth 6	Contents 7	Reference to last Measurement 8
0.15 =	4.50 cum	
0.15 =	1.44 cum	
0.15 =	4.50 cum	
0.15 =	1.35 cum	
0.15 =	4.50 cum	
0.15 =	1.50 cum	
0.15 =	1.94 cum	
0.15 =	1.30 cum	
Total =	27.02 cum	
		Rs 128350.00

lt size stone masonary in
e hammered dressed in courses
22nt apart in each course

M. A. R. 57 (Rule 116)
Measurement Book

No. B

259017

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	including cost of materials, labour, curing etc complete as per specification and directions of engineer in charge of the work.						
	For compound wall front	1	30.00	0.75	0.75 =	16.88 cum	
		1	12.00	0.75	0.75 =	6.75 cum	
	New Hassan Bakery Road	1	30.00	0.75	0.75 =	16.88 cum	
		1	7.60	0.75	0.75 =	4.28 cum	
	Back Side	1	30.00	0.75	0.75 =	16.88 cum	
	LHS	1	9.00	0.75	0.75 =	5.06 cum	
		1	30.00	0.75	0.75 =	16.88 cum	
	for Toilet	1	10.00	0.75	0.75 =	5.63 cum	
		1	12.90	0.75	0.75 =	7.26 cum	

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Deduction of columns	6	0.45	0.75	0.75 =	-1.52 cum	
					Total =	94.95 cum	
	Qty upto 12 st	21.78 cum @ Rs 3750.00					Rs 81656.00
	Qty Above 12 st	73.18 cum @ Rs 3739.49					Rs 273637.00
6)	providing and constructing granite / trap / basalt size stone masonary in basement with cement mortar 1:6 edges of stones chiselled dressed in courses not less than 15cms high, bond stones at two m. apart in each course including cost of materials, labour, curing etc complete as per						
	For compound wall front	1	30.00	0.45	0.75 =	10.13 cum	
		1	12.00	0.45	0.75 =	4.05 cum	
	new Hogan Bakery Road LHS	1	30.00	0.45	0.75 =	10.13 cum	
		1	7.60	0.45	0.75 =	2.57 cum	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Nu
	Back side LHS for Toilet	1 1 1 1 1 6
	Checked.	
	Deduction of columns	
	Qty upto 12 st.	20.
	Qty Above 12 st.	37.

BOOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
75	0.75 =	-1.52 cum	
	Total =	94.95 cum	
750.00			RS 81656.00
739.49			RS 273637.00
...ogself size stone masonary in ...s of stones chuttie ...ed in ...nd stones at two m. apart in each ...ur, curing etc complete as per			
45	0.75 =	10.13 cum	
45	0.75 =	4.05 cum	
45	0.75 =	10.13 cum	
45	0.75 =	2.57 cum	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

259018

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Back side	1	30.00	0.45	0.75 =	10.13 cum	
	LHS	1	9.00	0.45	0.75 =	3.04 cum	
		1	30.00	0.45	0.75 =	10.13 cum	
	for Toilet	1	10.00	0.45	0.75 =	3.38 cum	
		1	12.90	0.45	0.75 =	4.35 cum	
	Deduction of columns	6	0.15	0.30	0.75 =	-0.20 cum	
					Total =	57.68 cum	
	Qty up to 12 ft.	20.09 cum @ RS 4450.00					RS 89389.00
	Qty Above 12 ft.	37.59 cum @ RS 4428.01					RS 166454.00

Checked.

NT BOOK

ensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
Stone masonary with cement mortar				
nts to depth of 20mm nicely lining				
r, curing etc complete as per specification				
of the work				
		0.60 =	36.00 Sqm	
		0.60 =	14.40 Sqm	
		0.60 =	36.00 Sqm	
		0.60 =	9.12 Sqm	
		0.60 =	36.00 Sqm	
		0.60 =	10.80 Sqm	
		0.60 =	36.00 Sqm	
		0.60 =	12.00 Sqm	
		0.75 =	19.35 Sqm	
		Total =	209.67 Sqm	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

259019

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Qty upto 12 st.	69.75 cum @		RS 90.00		RS	6278.00
	Qty Above 12 st	139.92 cum @		RS 90.54		RS	12668.00
8)	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 210 kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15cms, thick well compacted in foundation, plinth and cols. including cost of all materials, labour.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Top and Bottom						
	For compound wall front coping	L	30.00	0.45	0.20 =	2.70 cum	
		L	12.00	0.45	0.20 =	1.08 cum	
	New Hasan Bakery Road RHS	L	30.00	0.45	0.20 =	2.70 cum	
		L	7.00	0.45	0.20 =	0.68 cum	
	Back Side	L	30.00	0.45	0.20 =	2.70 cum	
		L	9.00	0.45	0.20 =	0.81 cum	
	LHS	L	30.00	0.45	0.20 =	2.70 cum	
		L	10.00	0.45	0.20 =	0.90 cum	
					Total =	14.27 cum	
	Qty upto 12 Sr.	6.41 cum @ Rs 5300.00					Rs 33986.00
	Qty Above 12 Sr.	7.86 cum @ Rs 5193.88					Rs 40828.00

Cert.
31/3/2015

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
9)	Providing and laying in M20 with OPC cement @ granite metal, coarse laid in layers not exce foundation Plinth and g
	Column Footing
	Columns
	Plinth
	Roof

OK

Depth 6	Contents 7	Reference to last Measurement 8
0.20 =	2.70 cum	
0.20 =	1.08 cum	
0.20 =	2.70 cum	
0.20 =	0.68 cum	
0.20 =	2.70 cum	
0.20 =	0.81 cum	
0.20 =	2.70 cum	
0.20 =	0.90 cum	
Total =	14.27 cum	
00		Rs 33986.00
93.88		Rs 40828.00

EE
31/3/2015

M. A. R. 57 (Rule 116)
Measurement Book

No. B

259020

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
9)	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal, coarse aggregates @ 0.878 cum machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels,						
	Column Footing	6	1.20	1.20	0.90	= 7.78 cum	
	Columns	6	0.20	0.30	4.50	= 1.62 cum	
	Plinth	1	12.90	0.45	0.15	= 0.87 cum	
		1	12.90	0.15	0.15	= 0.29 cum	
	Roof	1	4.90	2.00	0.15	= 1.47 cum	

EE
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31/3/2015

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		500.L	@ RS 6.20			RS	3100.00
	93) providing and fixing in position brass bib cock of approved quality 28mm nominal bore including cost of all materials labour and tools of equipments with all leads						
		12 No	@ RS 276.92			RS	3323.00
	94) Providing and fixing in wall surface 4 kg/sq.cm H.D.P.E rain down water pipe 90mm outer dia approved make and brand with necessary special like shoes bends and offsets						
		4	3.00			= 12.00mt	
		@ RS	438.11			RS	5257.00

Serial No. .....

Name of Work 19286

Name of Contractor of nature of Agency 25

Date of commencement of work .....

16,73,646=00

Date	Full description, etc, of work	Numb
1	2	3
	Certificate	
	Certified that the	
	issued from dep	
	Zedhav	
	AE 31/	

Contents 7	Reference to last Measurement 8
	RS 3100.00
approved quality 28mm abour and HOM of	RS 3323.00
cm H.D.P.E pan down and band with necessary = 12.00mt	RS 5257.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

259031

IT — 19286
MT — 77144
Ex — 115716
LWR — 19286
CBF — 1929
Rom — 21593

Serial No. .....
Name of Work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

19286 FOW
254954 FOW
16,73,646 FOW

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
							Total RS 192861 1.00
	Certificate / Certified that the above work done satisfactory and no materials issued from departmentally						

Shrishailgoudsa
4/7/16.

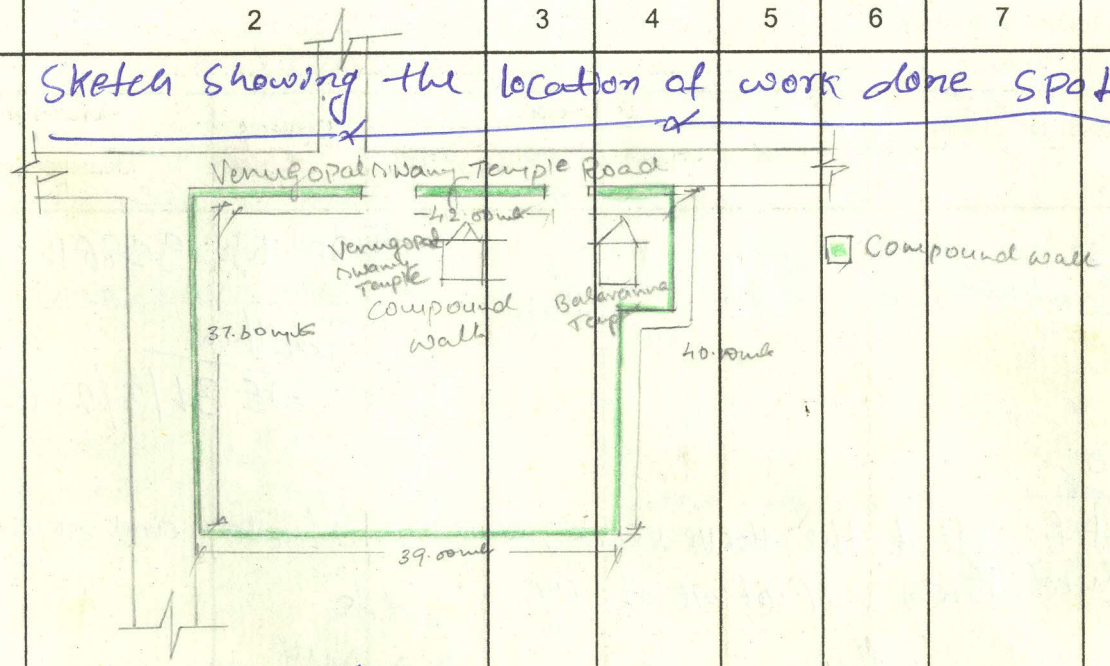
Zadhav
AE 31/3/2015

Zadhav
AE 31/3/2015.

Shrinivasp
E.E. 31/3

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Sketch showing the location of work done spot						



Jadhav
AE W-10

First & Final Bill

SBR NO - 26/15-16
Dt: 30-4-15

Serial No. .....
Name of Work Asphalting to Road
10. Doddaboommasan
Name of Contractor of nature of Agency ..Sri
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Work code No: 010-12
	Agreement No:- 288. D
	Work order No:- EE/B
	Address of Agency:- #